

**Master of Public Health Capstone**  
**AWARD RECIPIENTS**  
**May 2018**

Special honors are given to the 12 students listed below for the best overall capstone written projects.  
These students will receive an MPH capstone award plaque for outstanding achievement.

**Hana Bao**

*“Extreme Air Pollution in Ulaanbataar, Mongolia: Review of the Problem and Potential Solutions”*

Capstone Advisor: Paul Gaist \ Faculty Advisor: Paul Gaist

**Hsing-Yuan Chang**

*“Maternal Drug Use Before and During Pregnancy and Neonatal Abstinence Syndrome (NAS) In Boston Birth Cohort”*

Capstone Advisor: Xiaobin Wang \ Faculty Advisor: Mary Cwik

**William Coe**

**Louis Fink MPH Capstone Award – Recipient of \$500 prize**

*“Prenatal Near Roadway Air Pollution Exposure and Early Neurodevelopment in Young Mexican-American Children”*

Capstone Advisor: Heather Volk \ Faculty Advisor: Mary Catherine Beach

**Sumona Datta**

*“Tuberculosis and Wellbeing: A Quantitative Assessment in Peruvian Shantytowns”*

Capstone Advisor: Robert Gilman \ Faculty Advisor: Robert Gilman

**Pamela Gutman**

*“Smokeless Tobacco Use and Perceived Cancer Risks Among American Indians in the Cherokee Nation”*

Capstone Advisor: Joanna Cohen \ Faculty Advisor: Allison Barlow

**Lauren Havens**

*“Proposal to Evaluate the Impact of Boys Run I toowú klatseen”*

Capstone Advisor: Anne Riley \ Faculty Advisor: Anne Riley

**Albert Liu**

*“Baseline Frailty Predicts Accelerated Age-related Cognitive Declines Across Domains in Healthy & MCI Older Adults”*

Capstone Advisor: Qian-Li Xue \ Faculty Advisor: Qian-Li Xue

**Anne McKenna**

**Overall Best MPH Capstone Award - Recipient of \$500 Prize**

*“Screening for Common Perinatal Mental Disorder in South Africa: Policy Briefing and Advocacy Outcomes”*

Capstone Advisor: Judith Bass \ Faculty Advisor: Anbrasi Edward

**Yoshihiko Raita**

*“A Femoral versus Jugular Venous Catheter Placement and Risk of Catheter-related Infection and the Effect Modification by BMI on the Association between Catheter Site and Infectious Events”*

Capstone Advisor: Aaron Milstone \ Faculty Advisor: Aaron Milstone

**Joseph Reardon**

*“Emergency Medicine Physician Residency Modernization: Implementation and Public Health Assessment”*

Capstone Advisor: William Brieger \ Faculty Advisor: Robert Black

**Lei Wang**

*“Exercise Interventions on Fatigue for Women with Breast Cancer during Active Treatment:  
A Systematic Review and Meta-analysis”*

Capstone Advisor: Roberta Scherer \ Faculty Advisor: Corinne Joshu

**Jessica Whitley**

**Department of Environmental Health and Engineering MPH Capstone Award – Recipient of \$300 prize**

*“Consideration of Spatial Accessibility and Fast Food/Carry-Out Distribution in Assessing  
the Neighborhood Food Environment”*

Capstone Advisor: Joel Gittelsohn \ Faculty Advisor: Lisa Cooper

**Master of Public Health Capstone**  
**AWARD RECIPIENTS**  
**May 2017**

Special honors are given to the 12 students listed below for the best overall capstone written projects.  
These students will receive an MPH capstone award plaque for outstanding achievement.

**Emily Beaudoin**

*“Quality of life and depression among high-risk or diabetic American Indian (AI) youth enrolled in the Together on Diabetes Study”*

Capstone Advisor: Summer Rosenstock \ Faculty Advisor: Allison Barlow

**Aimee Bruederle**

*“Does Social Support Have an Effect on Adolescent Sexual Risk-taking Behavior?”*

Capstone Advisor: Heena Brahmhatt \ Faculty Advisor: Heena Brahmhatt

**Timothee Fruhauf**

*“Measuring family planning quality and its link with contraceptive use in Burkina Faso, Ethiopia, Kenya, and Uganda”*

Capstone Advisor: Amy Tsui \ Faculty Advisor: Amy Tsui

**James Heyward**

*“Institutional factors moderating compliance with clinical trials registration and reporting requirements in the US”*

Capstone Advisor: Evan Mayo-Wilson \ Faculty Advisor: Roberta Scherer

**Jiun-Ruey Hu**

*“Associations between the serum metabolome and all-cause mortality in chronic kidney disease”*

Capstone Advisor: Josef Coresh & Morgan Grams \ Faculty Advisor: Josef Coresh

**Srishti Jayakumar**

**Louis Fink MPH Capstone Award – Recipient of \$500 prize**

*“Vitamin B12 deficiency in Pregnancy: Implications for Public Health Practice”*

Capstone Advisor: David Paige \ Faculty Advisor: David Paige

**Angela La Macchia**

*“Uprising: An Analysis of Jamaica's Disaster Management Policy”*

Capstone Advisor: Shannon Doocy \ Faculty Advisor: Ligia Paina

**Puja Sangoi**

**Overall Best MPH Capstone Award - Recipient of \$500 Prize**

*“Analysis of testimony for Philadelphia beverage tax”*

Capstone Advisor: Sara Bleich \ Faculty Advisor: Shannon Frattaroli

**Angela Schroeder**

**Department of Environmental Health and Engineering MPH Capstone Award – Recipient of \$300 prize**

*“Coordination and Collaboration for Healthy Food Systems in Wisconsin: Interviews Among Key Informants”*

Capstone Advisor: Anne Palmer \ Faculty Advisor: Anne Palmer

**Kanal Singh**

*“Association of history of injection drug use with external-cause related mortality among persons linked to HIV care in an urban clinic, 2001-2015”*

Capstone Advisor: Catherine Lesko \ Faculty Advisor: William Moss

**Weijia Wang**

*“Resting Heart Rate and Incident Atrial Fibrillation Over a 20-year Follow-Up in The ARIC Study (Atherosclerosis Risk in Communities)”*

Capstone Advisor: Moyses Szklo \ Faculty Advisor: Moyses Szklo

**Colby Wilkason**

*“The Use of Spatial Analysis for Disease Control: A Case Study of Malaria Transmission in Macha, Zambia”*

Capstone Advisor: Timothy Shields \ Faculty Advisor: Timothy Shields

**Master of Public Health Capstone**  
**AWARD RECIPIENTS**  
**May 2016**

Special honors are given to the 12 students listed below for the best overall capstone written projects.  
These students will receive an MPH capstone award plaque for outstanding achievement.

**Kasey Bellegarde**

*“An Assessment of a Gender-based Violence Screening Program for Refugee Women in Baltimore City”*  
Capstone Advisor: Michele Decker \ Faculty Advisor: Michele Decker

**Kathryn Dalton**

**Department of Environmental Health Sciences MPH Capstone Award – Recipient of \$300 prize**  
*“Biosecurity Challenges in the Poultry Industry against Highly Pathogenic Avian Influenza”*  
Capstone Advisor: Ellen Silbergeld \ Faculty Advisor: Meghan Davis

**Teresa DeAtley**

*“Assessing compliance with Uruguay’s single pack presentation law”*  
Capstone Advisor: Joanna Cohen \ Faculty Advisor: Ryan Kennedy

**Ramzi Dudum**

*“Dose-Dependent Effects of Lifestyle Interventions on Blood Lipid Levels: Results from the PREMIER Trial”*  
Capstone Advisor: Lawrence Appel \ Faculty Advisor: Lawrence Appel

**Zoya Fansler**

*“Impacts of hydrocodone combination product rescheduling on opioid and analgesic prescribing in the United States”*  
Capstone Advisor: G. Caleb Alexander \ Faculty Advisor: Gary Ketner

**Zhilei Guo**

*“Implication of mHealth Development and Application to the China Health Reform”*  
Capstone Advisor: Alain Labrique \ Faculty Advisor: Douglas Hough

**Melinda Krakow**

*Who Gets a Provider Recommendation? Reducing Missed Opportunities to Promote the HPV Vaccine to Male and Female Teens in the U.S.*  
Capstone Advisor: Anne Rositch \ Faculty Advisor: Amber Dsouza

**Benjamin Lazarus**

*“Proton Pump Inhibitor Use and the Risk of Chronic Kidney Disease”*  
Capstone Advisor: Morgan Grams \ Faculty Advisor: Morgan Grams

**Hojoon Lee**

*“Application of Early Aberration Reporting System (Ears) To Seasonal Influenza Weekly Report in Mexico (2007-2014)”*  
Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Kenrad Nelson

**Dane Moran**

**Overall Best MPH Capstone Award - Recipient of \$500 Prize**  
*“Impact of Improving Vehicle Design on the Burden of Pedestrian Injuries in Germany, USA, and India”*  
Capstone Advisor: Kavi Bhalla \ Faculty Advisor: Keshia Pollack

**Caroline Picher**

*“Analysis of Access to Medication Assisted Treatment for Opioid Use Disorder in Populations involved in the Criminal Justice System”*  
Capstone Advisor: Brendan Saloner \ Faculty Advisor: Dan Salmon

**Master of Public Health Capstone**  
**AWARD RECIPIENTS**  
**May 2015**

Special honors are given to the 12 students listed below for the best overall capstone written projects.  
These students will receive an MPH capstone award plaque for outstanding achievement.

**Elizabeth Bast**

**Department of Environmental Health Sciences MPH Capstone Award - Recipient of \$300 prize**  
*“Analyzing the Health Co-Benefits of High-Penetration Renewable Energy Deployment in the United States”*  
Capstone Advisor: John Balbus \ Faculty Advisor: Cindy Parker

**Sarah Ceponis**

*“Inclusionary Advocacy: Changing Policy and Perspectives through Maryland’s Second Chance Act”*  
Capstone Advisor: Carol Underwood \ Faculty Advisor: Philip Leaf

**Jerome Chelliah**

*“Evaluation of Six Hospital-based Domestic Violence Programs and their Collective Efforts as the Maryland Health Care Coalition against Domestic Violence”*  
Capstone Advisor: Andrea Gielen \ Faculty Advisor: Danielle German

**Susan Emmett**

*“Hearing Loss Is Associated With Decreased Nonverbal Intelligence in Rural Nepal”*  
Capstone Advisor: Keith West \ Faculty Advisor: Alfred Sommer

**Jeffrey Hardesty**

*“Barriers to Non-small Cell Lung Cancer Trial Eligibility”*  
Capstone Advisor \ Faculty Advisor: Norma Kanarek

**Junichi Ishigami**

*“Chronic Kidney Disease and Risk for Gastrointestinal Bleeding in the Community: The Atherosclerosis Risk in Communities (ARIC) Study”*  
Capstone Advisor \ Faculty Advisor: Kunihiro Matsushita

**Hannah Jones**

*“Learning from the Past: Using Public Health Successes and Failures to Guide Future Policy”*  
Capstone Advisor: Sara Bleich \ Faculty Advisor: Keshia Pollack

**Nicky Mehtani**

*“Injecting Drug Use Associated with Increasing Relative Rate of AIDS-Associated Mortality Despite Improvements in Antiretroviral Treatment”*  
Capstone Advisor: Richard Moore \ Faculty Advisor: Elizabeth Selvin

**Nirmal Nair**

*“Early Detection of Communicable Diseases through Integration of Web Query and Social Media Data with Traditional Surveillance Tools - A Literature Review”*  
Capstone Advisor: Carlos Castillo-Salgado \ Faculty Advisor: Dagna Constenla

**Molly Sauer**

*“Assessing the impacts of climate change on dengue fever: a systematic review”*  
Capstone Advisor: Meghan Davis \ Faculty Advisor: Clive Shiff

**Jeremy Tanner**

**Louis Fink MPH Capstone Award - Recipient of \$500 prize**  
*“Longitudinal Study of Entorhinal Cortex Thickness as a Biomarker of Preclinical Alzheimer's Disease”*  
Capstone Advisor: Marilyn Albert \ Faculty Advisor: George Rebok

**Hoa (Holly) Vo**

*“Perinatal Behaviors of Women Using Fertility Treatments”*  
Capstone Advisors: Tina Cheng, Kamila Mistry \ Faculty Advisor: William Moss